Mazda2

Technical data, equipment and colours

Engines

1.25 MZI

- 1,242 cc in-line four-cylinder, 16-valve, DOHC, developing 75ps at 6,000 rpm and 110 Nm at 4,000 rpm
- 4 valves per cylinder
- CO_2 emissions of 149 g/km (Euro Stage IV)
- Powertrain Control Module (PCM)
- Sequential electronic multipoint fuel injection
- Battery 43 Ah
- Generator – 70A (90A with air conditioning and front fog lights)

1.4 MZI

- 1,388 cc in-line four-cylinder, 16-valve, DOHC, developing 80ps at 5,700 rpm and 124 Nm at 3,500 rpm
- 4 valves per cylinder
- CO_2 emissions of 154 g/km (S and TS) and 161 g/km (TS^2) (Euro Stage IV)
- Powertrain Control Module (PCM)
- Sequential electronic multipoint fuel injection
- Battery 43 Ah
- Generator – 70A (90A with air conditioning and front fog lights)

1.6 MZI

- 1,596 cc in-line four-cylinder, 16-valve, DOHC, developing 100ps at 6,000 rpm and 146 Nm at 4,000 rpm
- 4 valves per cylinder
- CO_2 emissions of 168 g/km (Euro Stage IV)
- Powertrain Control Module (PCM)
- Sequential electronic multipoint fuel injection
- Battery 43 Ah
- Generator – 90A

1.4 MZ-CD Common-rail Diesel

- 1,399 cc in-line four-cylinder, 8-valve, SOHC developing 68ps at 4,000 rpm and 160 Nm at 2,000 rpm
- CO_2 emissions of 119 g/km (S and TS) and 127 g/km (TS^2) (Euro Stage III)
- High-pressure drive-by-wire common-rail fuel injection
- Turbocharger
- Powertrain Control Module (PCM)
- Battery 60 Ah
- Generator – 80A (150A with PTC heater)

Mechanical Features

Body

- Self-supporting rigid and torsion-resistant all-steel body with defined crumple zones for the front and rear section, stable passenger safety cell with side impact reinforcement in the doors
- Advanced Restraint System (ARS) comprising centrally-coordinated crush sensors, seatbelt pre-tensioners, load-limiters and dual-stage airbags
- Mazda Advanced Impact Distribution and Absorption System (MAIDAS) designed to secure the critical interior space in the event of an accident

Brake system

- Hydraulic, diagonally divided dual circuit system with amplifier brake unit and brake-force reducer acting on rear wheels
- Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD) – where fitted
- Front: 258 mm ventilated disc brakes
- Rear: 203 mm drum brakes
- Mechanical parking brake acting on rear wheels

Chassis and Suspension

- Front: Independent suspension with McPherson struts, each guided by an A-arm; torsion bar stabilizer
- Rear: Semi-independent twist beam suspension, eccentric progressive coil springs with double-acting telescopic shock absorbers combined to form a spring-shock absorber unit, each with one lateral link and one trailing arm

Powertrain

- Precision electronic throttle on petrol engines offering responsive and economical performance
- Common-rail diesel engine offering responsiveness, excellent economy and high levels of refinement
- 5-speed manual transmission giving low gear noise during idling and refined driving quality

Auto Shift Manual (ASM) transmission

- Choice between Auto mode, where the gears take care of themselves, or sequential gearshift, where the driver chooses when to change up or down by flicking the lever forward or backwards

Front cover shows accessory leather steering wheel (red) fitted at extra cost.

Engine Type	1.25 MZI	1.4 MZI	1.4 MZI Auto Shift Manual	1.6 MZI	1.4 MZ-CD	1.4 MZ-CD Auto Shift Manual
Displacement (cc)	1,242	1,388	1,388	1,596	1,399	1,399
Bore x stroke (mm)	71.9 x 76.5	76.0 x 76.5	76.0 x 76.5	79.0 x 81.4	73.7 x 82.0	73.7 x 82.0
Valves per cylinder	4	4	4	4	2	2
Maximum output [kW (ps)/rpm]	55 (75)/6000	59 (80)/5700	59 (80)/5700	74 (100)/6000	50 (68)/4000	50 (68)/4000
Maximum torque (Nm/rpm)	110/4000	124/3500	124/3500	146/4000	160/2000	160/2000
Compression ratio	10.1:1	11.0:1	11.0:1	11.0:1	18.0:1	18.0:1

Transmission

Type		Manual	Manual	Auto Shift Manual	Manual	Manual	Auto Shift Manual
Gear ratios:	1st	3.583	3.583	3.154	3.154	3.583	3.583
	2nd	1.926	1.926	1.926	1.926	1.926	1.926
	3rd	1.281	1.281	1.281	1.281	1.281	1.281
	4th	0.951	0.951	0.951	0.951	0.951	0.951
	5th	0.756	0.756	0.756	0.756	0.756	0.756
	Rev.	3.620	3.620	3.620	3.620	3.620	3.620
Final gear ratio		4.250	4.059	4.250	4.250	3.370	3.370

Steering

Steering gear				Power-assisted rack and pinion			
Minimum turning circle (wall to wall) (m)		10.4	10.4	10.4	10.4	10.4	10.4

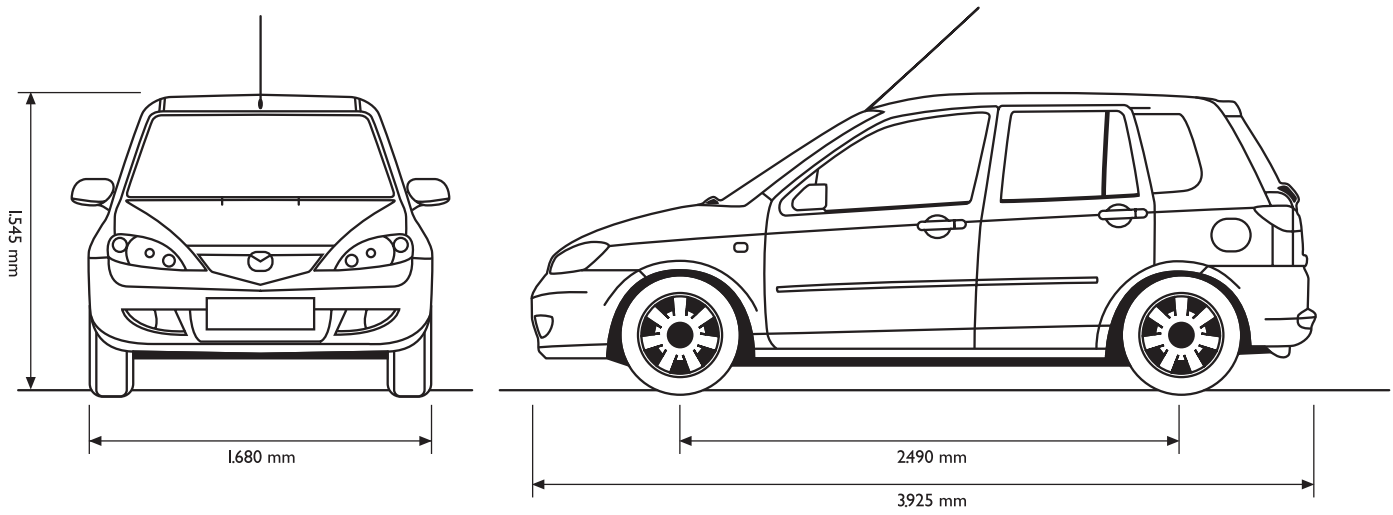
Technical Data

Performance and Economy		1.25 MZI	1.4 MZI	1.4 MZI Auto Shift Manual	1.6 MZI	1.4 MZ-CD	1.4 MZ-CD Auto Shift Manual
Top speed [mph (km/h)]		101 (163)	102 (164)	102 (164)	112 (181)	100 (160)	100 (160)
Acceleration (0-62 mph in sec)		15.1	13.9	15.0	11.4	15.0	16.0
Fuel consumption[1] [mpg (L/100 km)]							
175/65 R14	– Urban	32.8 (8.6)	32.5 (8.7)	32.8 (8.6)	-	51.4 (5.5)	51.4 (5.5)
	– Extra Urban	56.5 (5.0)	53.3 (5.3)	52.3 (5.4)	-	70.6 (4.0)	70.6 (4.0)
	– Combined	44.8 (6.3)	43.5 (6.5)	43.5 (6.5)	-	62.8 (4.5)	62.8 (4.5)
195/50 R15	– Urban	-	31.4 (9.0)	31.7 (8.9)	29.4 (9.6)	48.7 (5.8)	-
	– Extra Urban	-	51.4 (5.5)	50.4 (5.6)	48.7 (5.8)	67.3 (4.2)	-
	– Combined	-	41.5 (6.8)	41.5 (6.8)	39.8 (7.1)	58.9 (4.8)	-
CO_2 emissions[1]	– 175/65 R14	149	154	154	-	119	119
(g/km)	– 195/50 R15	-	161	161	168	127	-
EC regulation		Euro Stage IV	Euro Stage IV	Euro Stage IV	Euro Stage IV	Euro Stage III	Euro Stage III
Recommended fuel		Unleaded 95RON	Unleaded 95RON	Unleaded 95RON	Unleaded 95RON	Diesel	Diesel
Fuel tank capacity (litres)		45	45	45	45	45	45

[1] Fuel consumption and CO_2 emissions values according to 80/1268 EWG (1999/100/EC)

Dimensions and Weights		1.25 MZI	1.4 MZI	1.4 MZI Auto Shift Manual	1.6 MZI	1.4 MZ-CD	1.4 MZ-CD Auto Shift Manual
Wheel and Tyre size	– S and TS	14x5.5 175/65 R14	14x5.5 175/65 R14	14x5.5 175/65 R14	- -	14x5.5 175/65 R14	14x5.5 175/65 R14
Wheel and Tyre size	– TS² and Sport	- -	15x6 195/50 R15	15x6 195/50 R15	15x6 195/50 R15	15x6 195/50 R15	- -
Overall length/width/height (mm)		3925/1680/1545	3925/1680/1545	3925/1680/1545	3925/1680/1545	3925/1680/1545	3925/1680/1545
Ground clearance (mm)		145	145	145	145	145	145
Front track/ Rear track (mm)	– 175/65 R14	1470/1445	1470/1445	1470/1445	-	1470/1445	1470/1445
	– 195/50 R15	-	1460/1435	1460/1435	1460/1435	1460/1435	-
Wheelbase (mm)		2490	2490	2490	2490	2490	2490
Load volume, acc. to VDA (l)	5-seat mode (to belt line)	267	267	267	267	267	267
	2-seat mode (to belt line)	542	542	542	542	542	542
	2-seat mode (to roof)	1044	1044	1044	1044	1044	1044
Ventilated front disc diameter (mm)		258	258	258	258	258	258
Rear drum brake diameter (mm)		203	203	203	203	203	203
Kerb weight (kg) max/min exc. driver		1081/1050	1086/1050	1094/1060	1105/1080	1121/1085	1127/1095
Permitted gross vehicle weight (kg)		1490	1495	1505	1515	1530	1535
Max. permitted axle load, front/rear (kg)		765/775	775/775	780/775	785/785	810/770	815/770
Towing limit (kg)	– unbraked	500	500	500	500	500	500
	– braked (12% gradient)	600	900	500	900	800	800
Max. roof load (kg)		50	50	50	50	50	50
Engine oil capacity (l)		4.15	4.15	4.15	4.4	4.2	4.2
Coolant capacity (l)		5.0	5.0	5.0	5.0	5.5	5.5

Technical Data



Safety and Security	S	TS	TS²	Sport
Mazda Advanced Impact Distribution and Absorption System (MAIDAS) engineered 'Triple H' body structure to help protect occupants from impact forces	●	●	●	●
Advanced Restraint System (ARS) – Centrally-coordinated crush sensors, seatbelt pre-tensioners, load-limiters and dual-stage airbags	●	●	●	●
Driver and front passenger airbags	●	●	●	●
Side airbags, front	❍[1]	❍[2]	❍[2]	●
Curtain airbags, front/rear	-	❍[2]	❍[2]	❍[3]
Emergency Brake Assist (EBA)	❍[1]	●	●	●
Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD)	❍[1]	●	●	●
Dynamic Stability Control (DSC) with Traction Control System (TCS)	-	-	-	❍[3]
3-point front seatbelts with pre-tensioner, height-adjustable	●	●	●	●
Three 3-point rear seatbelts	●	●	●	●
Three rear head restraints, height-adjustable	●	●	●	●
High-mounted stop light	●	●	●	●
Central door locking with dead locking	●	●	●	●
Remote control locking	●	●	●	●
Locks – Steering and door lock mechanisms designed to be force- and pick-resistant	●	●	●	●
Perimeter alarm	●	●	●	●
Immobiliser	●	●	●	●
Security locking wheel nuts	-	-	●	●

Equipment

Model Availability	S	TS	TS²	Sport
1.25 MZI 5-speed manual	●	-	-	-
1.4 MZI 5-speed manual	-	●	●	-
1.4 MZI Auto Shift Manual	●	-	●	-
1.6 MZI 5-speed manual	-	-	-	●
1.4 MZ-CD 5-speed manual	●	●	●	-
1.4 MZ-CD Auto Shift Manual	●	-	-	-

Exterior	S	TS	TS²	Sport
Front grille with chrome upper	●	●	●	-
Front grille with body colour upper	-	-	-	●
Body colour bumpers and side protector mouldings	●	●	●	●
Black door handles	●	●	-	-
Body colour door handles	-	-	●	●
Exterior mirrors, manually adjustable, black	●	●	-	-
Exterior mirrors, electrically adjustable and heated, body colour	-	-	●	●
Halogen complex reflector headlights with levelling	●	●	●	●
Front fog lights	-	-	-	●
Variable intermittent front wipers	●	●	●	●
2-speed rear wiper	●	●	●	●
Heated rear window	●	●	●	●
14x5.5" steel wheels with full wheel covers and 175/65 R14 tyres	●	●	-	-
15x6" alloy wheels with 195/50 R15 tyres and security locking wheel nuts	-	-	●	●
Spare wheel, steel	●	●	●	●

● = standard, ❍ = option, at extra cost, - not available.

[1] ABS, EBA and side airbags combined option on S petrol models only. Not available with Auto Shift Manual (ASM) transmission. ABS fitted as standard to ASM models.

[2] Side and curtain airbags combined option on TS and TS² models. Not available on TS Diesel model.

[3] DSC and curtain airbags combined option on Sport model.

Interior Features		S	TS	TS[2]	Sport
Front seat, driver:	– height-adjustable with height-adjustable head restraint and seat back storage pocket	●	●	●	●
Front seat, passenger:	– flat folding with height-adjustable head restraints	●	●	●	●
Rear seats:	– double fold with 60:40 split backrest and seat base	●	●	●	●
	– three height-adjustable head restraints	●	●	●	●
Seat trim:	– cloth	●	●	●	-
	– sports cloth – see colour and trim section for combinations	-	-	-	●
Storage:	– floor-mounted centre storage console with cupholders	●	●	●	●
	– dashboard centre storage tray with flip-up lid	●	●	●	●
	– driver's side lower panel tray and outer coin holder	●	●	●	●
	– passenger's side lidded glovebox and multi-purpose storage box	●	●	●	●
	– front and rear door storage pockets	●	●	●	●
Interior lights:	– header-mounted courtesy light	●	●	●	●
	– map-reading lights, front	●	●	●	●
Leather steering wheel with silver inserts		-	-	-	●
Audio:	– stereo radio/cassette, 2 speakers	●	-	-	-
	– stereo radio/CD, 4 speakers	-	●	-	-
	– stereo radio/CD, 6 speakers	-	-	●	●
	– steering wheel-mounted audio controls	●	●	●	●
Retractable luggage area cover		●	●	●	●

Comfort		S	TS	TS[2]	Sport
Power steering, engine speed sensing		●	●	●	●
Steering wheel height adjustment		●	●	●	●
Air conditioning		❍[4]	❍	●	●
Windows:	– electric front windows with driver's one-touch system	-	●	●	●
	– electric rear windows	-	-	●	●
Front passenger and rear seat assist grips		●	●	●	●
Sunvisors:	– driver's, with covered vanity mirror and ticket holder	●	●	●	●
	– front passenger's, with covered vanity mirror	●	●	●	●
Lights-on audible warning		●	●	●	●

● = standard, ❍ = option, at extra cost, - not available.

[4] Air conditioning option on S models. Not available with Auto Shift Manual (ASM) transmission.

Spanish Red (A3X)

Deep Torino Red (31B)

Black Metallic (17V)

Moonlight Silver (20N)

Smokestone Grey (27K)

Tonic (27P)

Midnight Blue (27R)

S, TS, TS²

Sport - Black/Blue

Sport - Black/Black

Colours and Seat Trims

Colours and Seat Trims	S	TS	TS²	Sport	Sport
Trim	Black	Black	Black	Black/Blue	Black/Black
Environment Colour	Medium Flint	Medium Flint	Medium Flint	Ebony	Ebony
Solid body colours					
Spanish Red (A3X)	●	●	●	-	●
Metallic body colours					
Deep Torino Red (31B)	❍	❍	❍		-
Black Metallic (17V)	❍	❍	❍	❍	-
Moonlight Silver (20N)	❍	❍	❍	❍	-
Smokestone Grey (27K)	❍	❍	❍	❍	-
Tonic (27P)	❍	❍	❍	❍	-
Midnight Blue (27R)	❍	❍	❍	-	❍

● = standard, ❍ = option, at extra cost, - not available.
Note: Some body colours may be available on special order only.

The Mazda Warranties

Warranty Plus – 3 Year Cover

Every Mazda is designed and built to the highest standards of performance, comfort and reliability. For your further reassurance Mazda also provides a full three-year/60,000 mile[1] warranty cover including Mazda European Assistance and a six-year anti-perforation warranty.

[1] There is no mileage limit during the first year of the warranty.

Mazda Momentum – New Vehicle Extended Warranty

At any time during the manufacturer's warranty period you may purchase a Mazda Momentum extended warranty package.
Three options are available. Your Mazda dealer will be pleased to provide you with details.

Accessories

There is a full range of Mazda genuine accessories for each Mazda model. For more information contact your Mazda dealer.

Mazda Credit

Mazda Credit* provides a comprehensive range of finance plans which include:
Mazda MultiOption - A flexible and cost-effective method of funding a Mazda.
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Significant savings are available for those who qualify, with schemes tailored to suit individual needs. For further information contact your Mazda dealer or contact Mazda Tax Free Sales on 01932 335132.

Motability

For all Motability enquiries please contact Mazda on 08457 484848.

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*Finance subject to status. Guarantees/Indemnities may be required.
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